

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092223\
 Data File : BN027792.D
 Acq On : 21 Sep 2023 18:15
 Operator : MA/JU
 Sample : 04330-15
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EZYG1

Quant Time: Sep 22 04:01:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 03:58:00 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

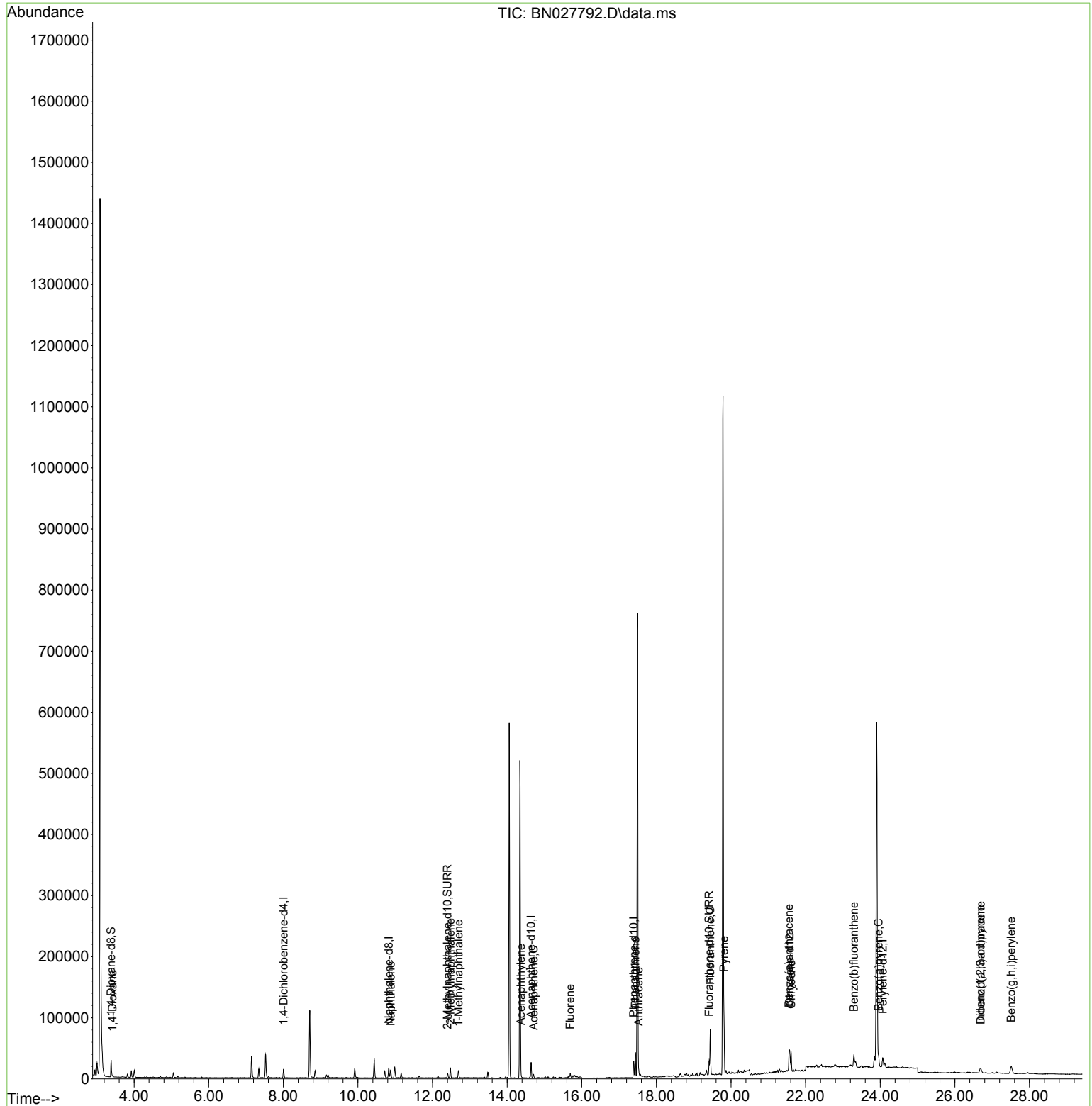
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.004	152	6848	0.400	ng/ul	0.00
4) Naphthalene-d8	10.828	136	22748	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.643	164	13369	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.392	188	30177	0.400	ng/ul	0.00
17) Chrysene-d12	21.571	240	24892	0.400	ng/ul	# 0.00
23) Perylene-d12	24.068	264	22707	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.384	96	18208	2.111	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.401	152	9145	0.265	ng/ul	0.00
18) Fluoranthene-d10	19.413	212	23987	0.316	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.422	88	634	0.071	ng/ul#	48
5) Naphthalene	10.878	128	16864	0.259	ng/ul	99
7) 2-Methylnaphthalene	12.478	142	10708	0.260	ng/ul	100
8) 1-Methylnaphthalene	12.698	142	8106	0.190	ng/ul	99
10) Acenaphthylene	14.370	152	1933	0.033	ng/ul#	70
11) Acenaphthene	14.707	153	3585	0.071	ng/ul	99
12) Fluorene	15.688	166	4315	0.073	ng/ul#	94
15) Phenanthrene	17.434	178	43047	0.454	ng/ul	98
16) Anthracene	17.527	178	6892	0.087	ng/ul#	91
19) Fluoranthene	19.446	202	65051	0.646	ng/ul	99
20) Pyrene	19.813	202	73236	0.706	ng/ul	98
21) Benzo(a)anthracene	21.554	228	25305	0.263	ng/ul#	82
22) Chrysene	21.612	228	26140	0.263	ng/ul#	81
24) Benzo(b)fluoranthene	23.293	252	45611	0.451	ng/ul#	46
26) Benzo(a)pyrene	23.954	252	22589	0.277	ng/ul#	44
27) Indeno(1,2,3-cd)pyrene	26.686	276	15233	0.146	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.693	278	4870	0.058	ng/ul#	1
29) Benzo(g,h,i)perylene	27.511	276	27723	0.313	ng/ul#	81

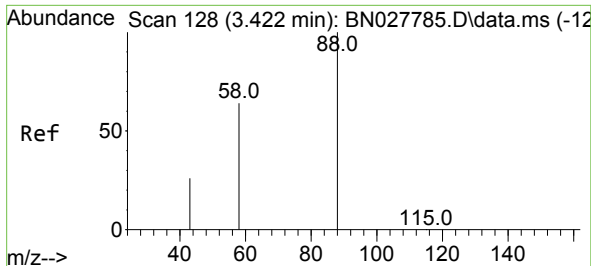
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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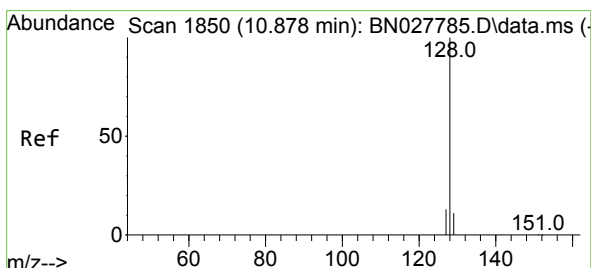
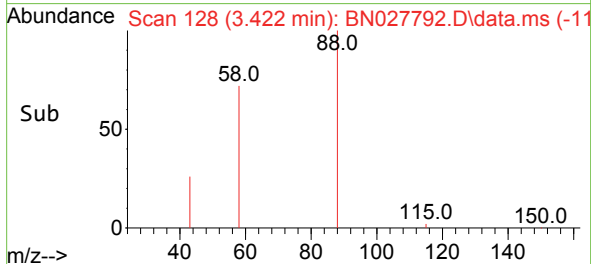
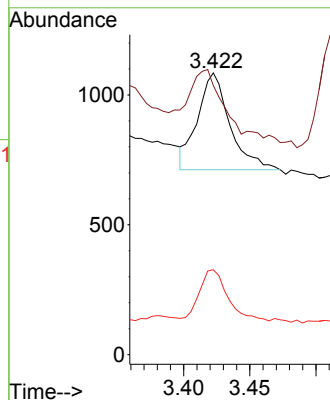
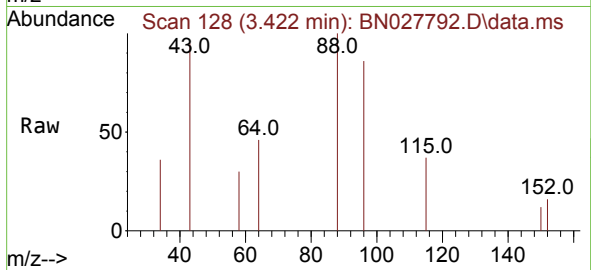




#2
1,4-Dioxane
Concen: 0.071 ng/ul
RT: 3.422 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN027792.D
Acq: 21 Sep 2023 18:15

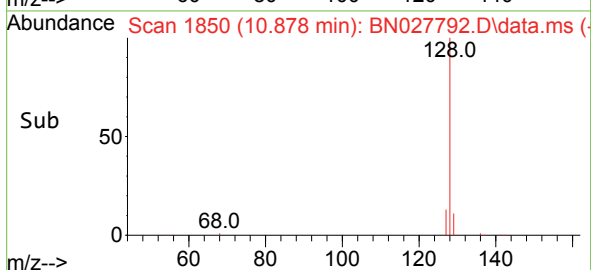
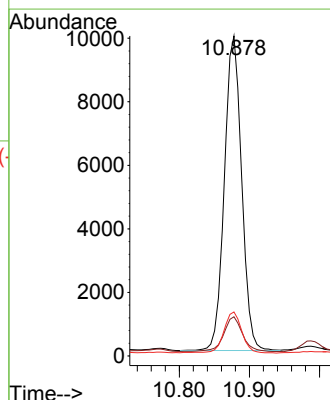
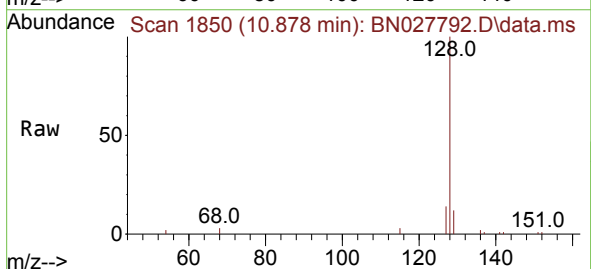
Instrument :
BNA_N
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EZYG1

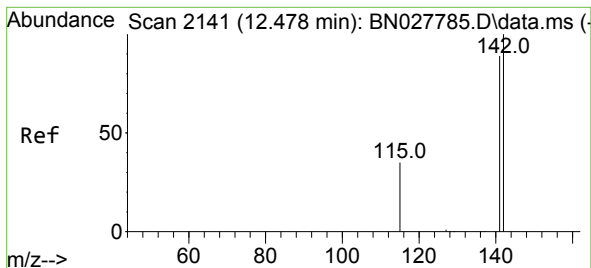
Tgt Ion: 88 Resp: 634
Ion Ratio Lower Upper
88 100
43 95.5 39.6 59.4#
58 30.1 48.3 72.5#



#5
Naphthalene
Concen: 0.259 ng/ul
RT: 10.878 min Scan# 1850
Delta R.T. 0.000 min
Lab File: BN027792.D
Acq: 21 Sep 2023 18:15

Tgt Ion: 128 Resp: 16864
Ion Ratio Lower Upper
128 100
129 12.3 9.3 13.9
127 13.7 10.7 16.1

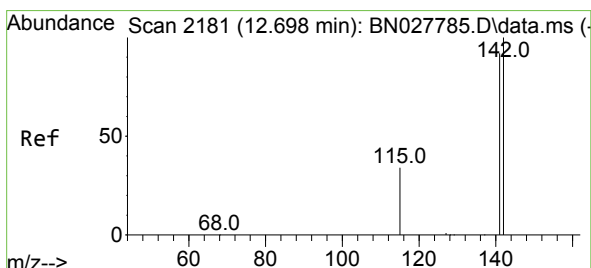
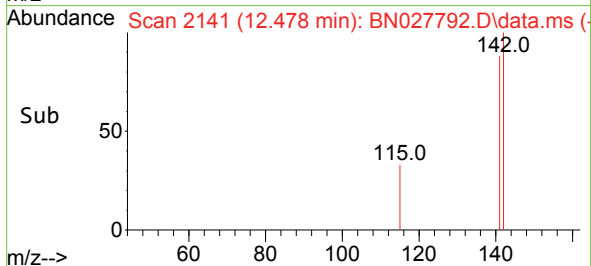
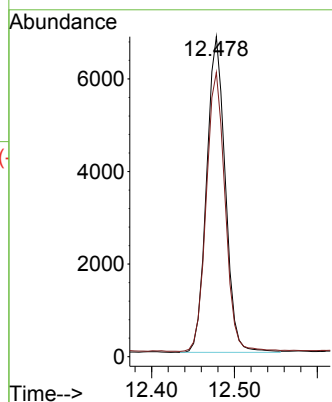
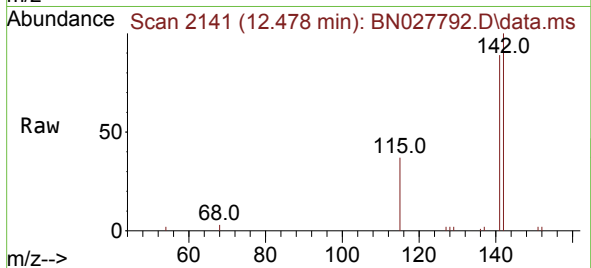




#7
2-Methylnaphthalene
Concen: 0.260 ng/ul
RT: 12.478 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BN027792.D
Acq: 21 Sep 2023 18:15

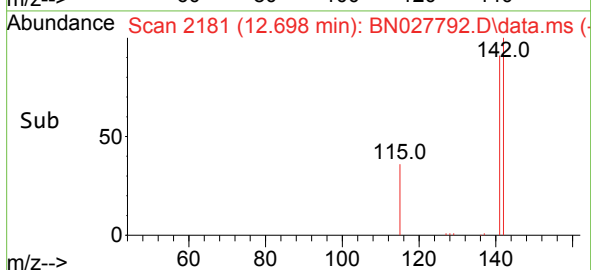
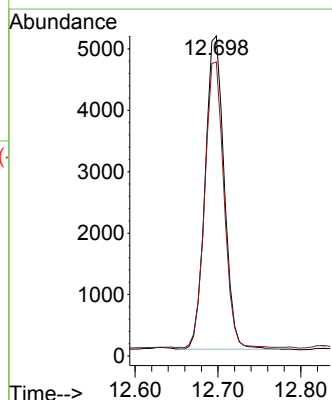
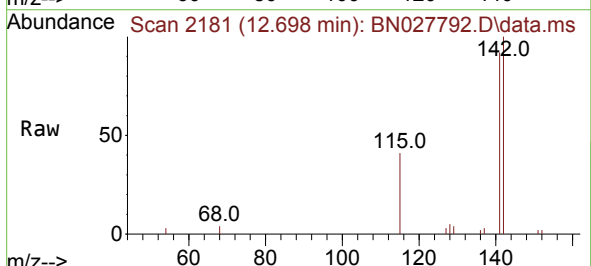
Instrument :
BNA_N
ClientSampleId :
EZYG1

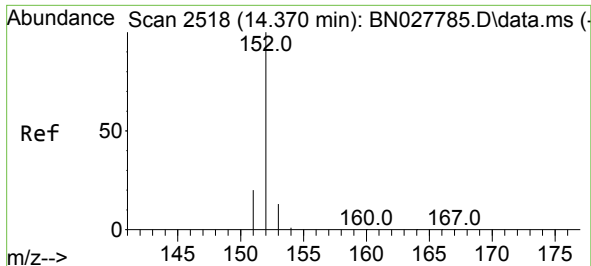
Tgt Ion:142 Resp: 10708
Ion Ratio Lower Upper
142 100
141 88.9 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.190 ng/ul
RT: 12.698 min Scan# 2181
Delta R.T. 0.000 min
Lab File: BN027792.D
Acq: 21 Sep 2023 18:15

Tgt Ion:142 Resp: 8106
Ion Ratio Lower Upper
142 100
141 91.6 72.8 109.2

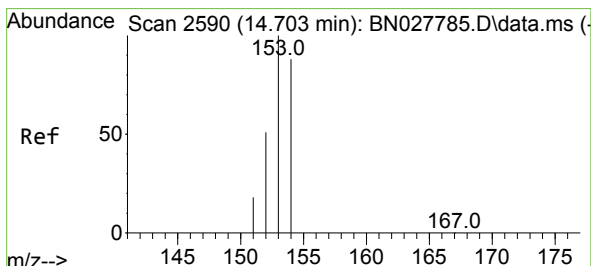
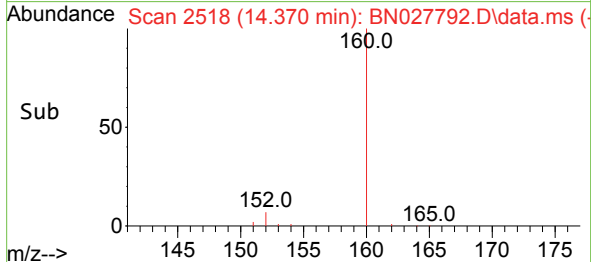
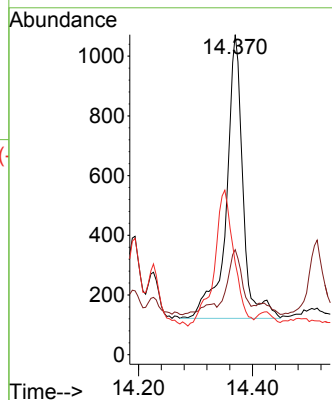
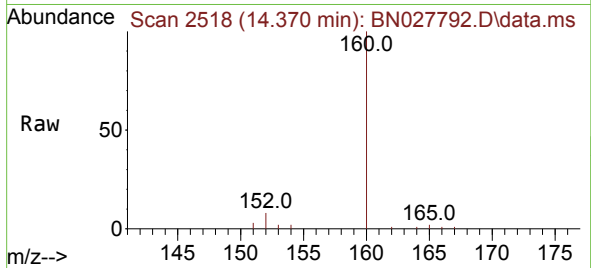




#10
Acenaphthylene
Concen: 0.033 ng/u1
RT: 14.370 min Scan# 2518
Delta R.T. 0.000 min
Lab File: BN027792.D
Acq: 21 Sep 2023 18:15

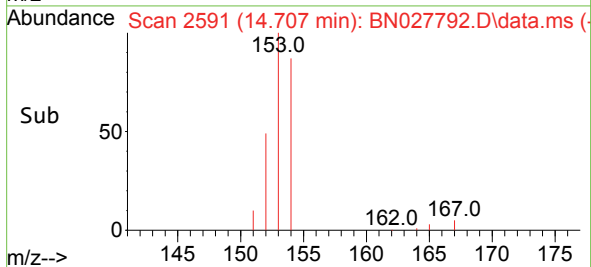
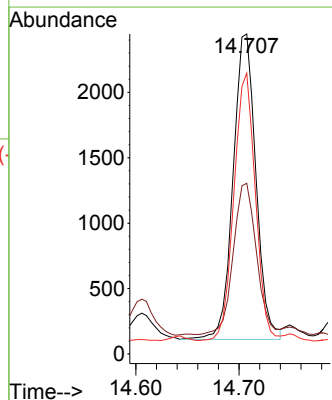
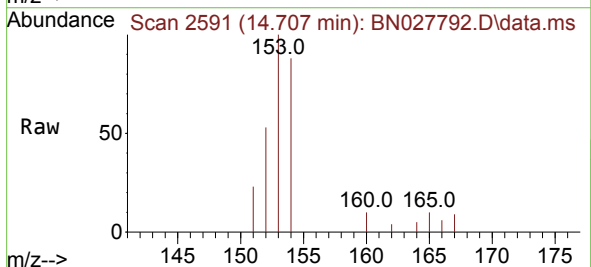
Instrument :
BNA_N
ClientSampleId :
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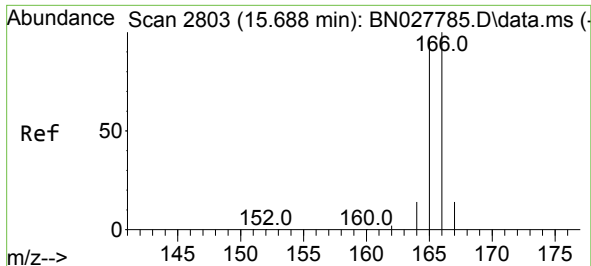
Tgt Ion:152 Resp: 1933
Ion Ratio Lower Upper
152 100
151 32.8 16.6 25.0#
153 28.6 11.0 16.6#



#11
Acenaphthene
Concen: 0.071 ng/u1
RT: 14.707 min Scan# 2591
Delta R.T. 0.005 min
Lab File: BN027792.D
Acq: 21 Sep 2023 18:15

Tgt Ion:153 Resp: 3585
Ion Ratio Lower Upper
153 100
152 53.4 41.7 62.5
154 87.8 70.3 105.5

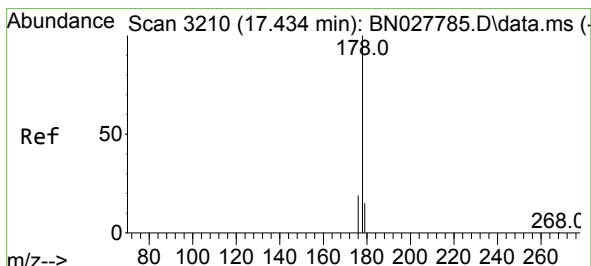
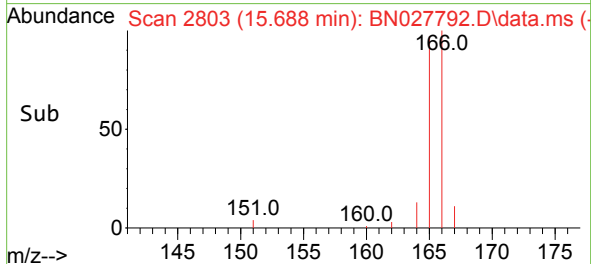
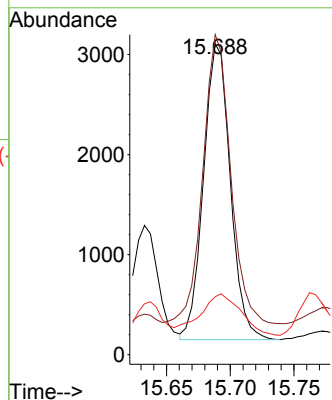
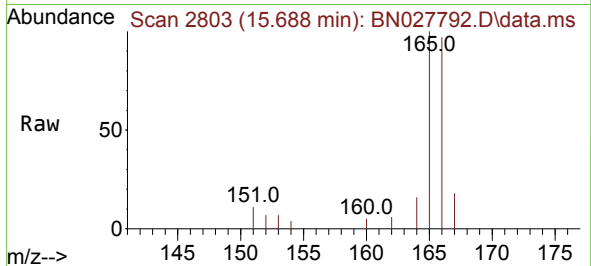




#12
Fluorene
Concen: 0.073 ng/ul
RT: 15.688 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN027792.D
Acq: 21 Sep 2023 18:15

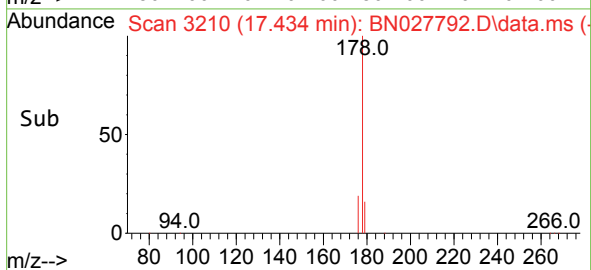
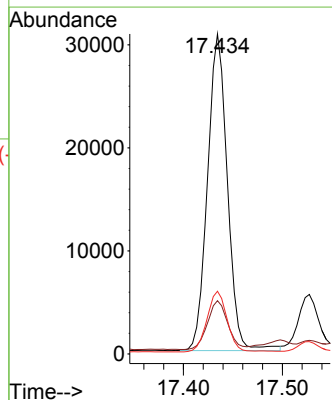
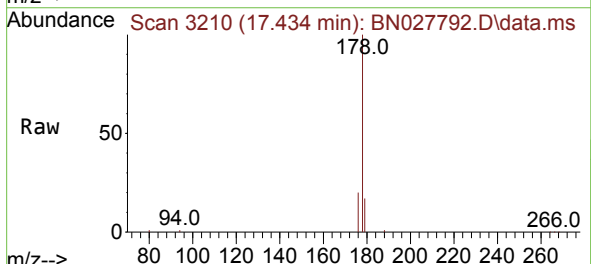
Instrument :
BNA_N
ClientSampleId :
EZYG1

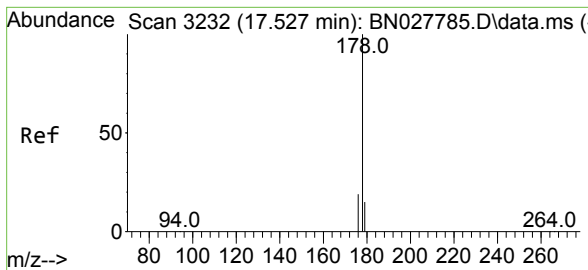
Tgt Ion:166 Resp: 4315
Ion Ratio Lower Upper
166 100
165 102.9 78.0 117.0
167 18.6 11.4 17.2#



#15
Phenanthrene
Concen: 0.454 ng/ul
RT: 17.434 min Scan# 3210
Delta R.T. 0.000 min
Lab File: BN027792.D
Acq: 21 Sep 2023 18:15

Tgt Ion:178 Resp: 43047
Ion Ratio Lower Upper
178 100
179 16.7 12.4 18.6
176 19.6 16.0 24.0

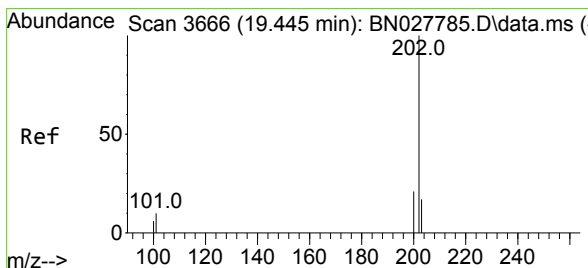
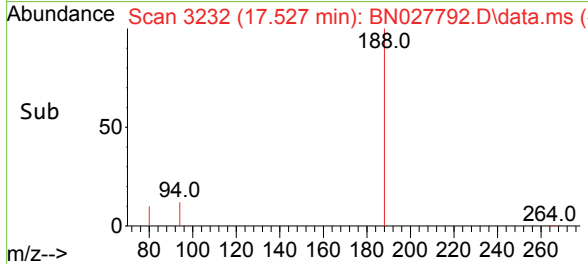
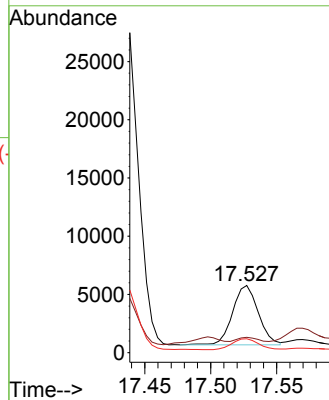
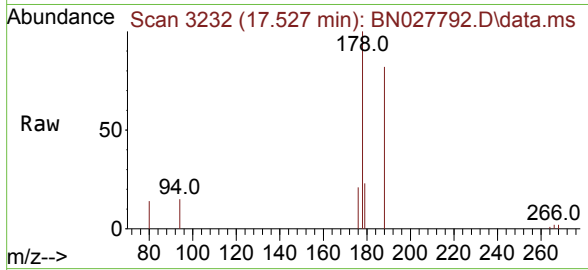




#16
 Anthracene
 Concen: 0.087 ng/ul
 RT: 17.527 min Scan# 311
 Delta R.T. 0.000 min
 Lab File: BN027792.D
 Acq: 21 Sep 2023 18:15

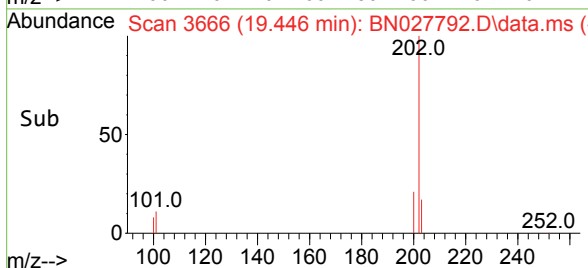
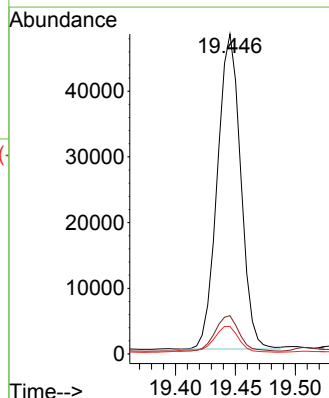
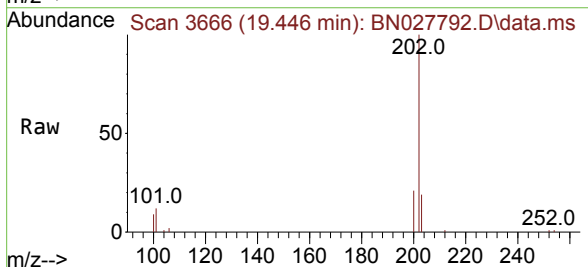
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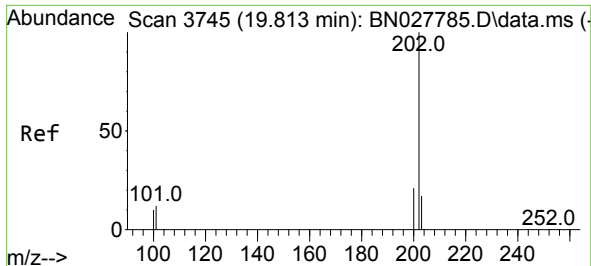
Tgt Ion:178 Resp: 6892
 Ion Ratio Lower Upper
 178 100
 179 22.7 12.6 19.0#
 176 20.8 15.5 23.3



#19
 Fluoranthene
 Concen: 0.646 ng/ul
 RT: 19.446 min Scan# 3666
 Delta R.T. 0.000 min
 Lab File: BN027792.D
 Acq: 21 Sep 2023 18:15

Tgt Ion:202 Resp: 65051
 Ion Ratio Lower Upper
 202 100
 101 12.0 9.3 13.9
 100 8.6 7.0 10.4

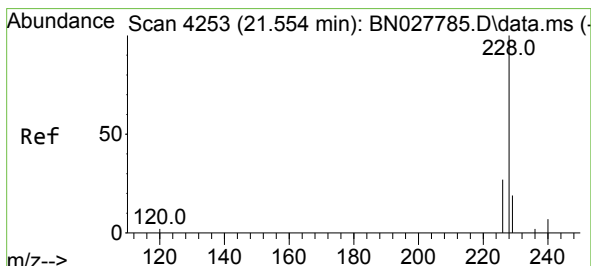
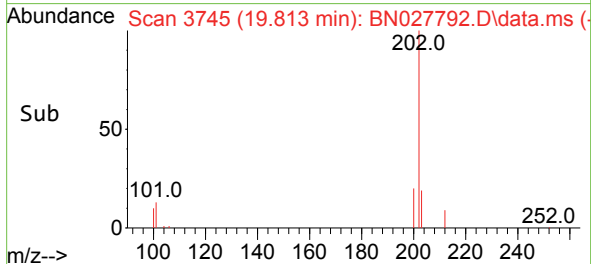
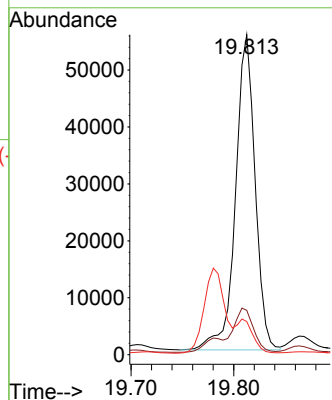
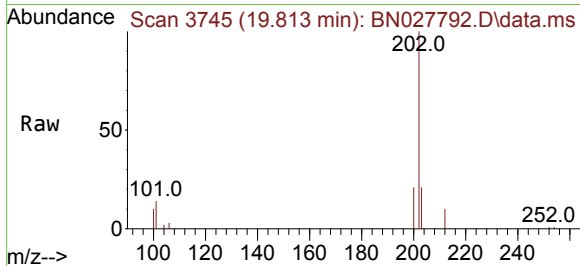




#20
Pyrene
Concen: 0.706 ng/ul
RT: 19.813 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN027792.D
Acq: 21 Sep 2023 18:15

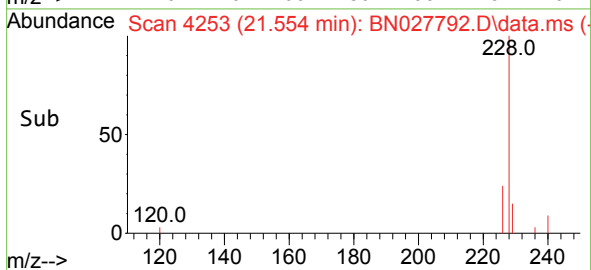
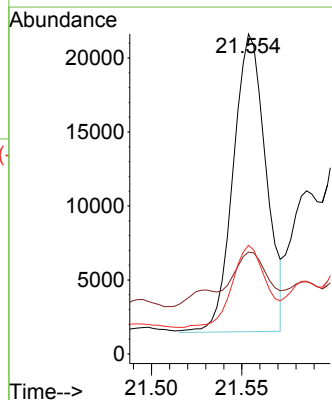
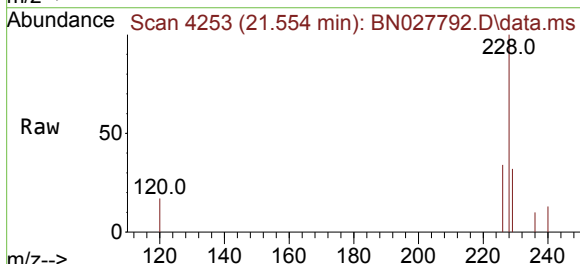
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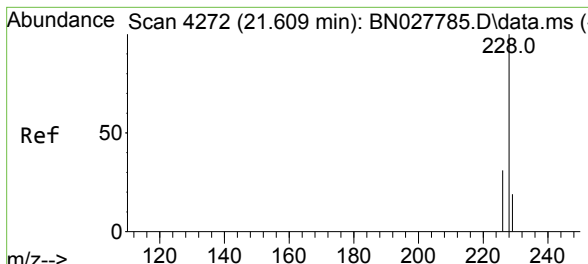
Tgt Ion:202 Resp: 73236
Ion Ratio Lower Upper
202 100
101 13.9 11.4 17.0
100 10.3 9.1 13.7



#21
Benzo(a)anthracene
Concen: 0.263 ng/ul
RT: 21.554 min Scan# 4253
Delta R.T. 0.000 min
Lab File: BN027792.D
Acq: 21 Sep 2023 18:15

Tgt Ion:228 Resp: 25305
Ion Ratio Lower Upper
228 100
229 31.9 15.8 23.8#
226 34.0 22.0 33.0#



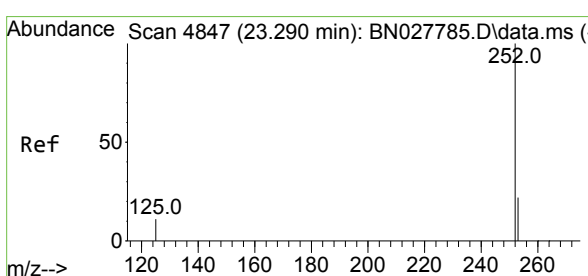
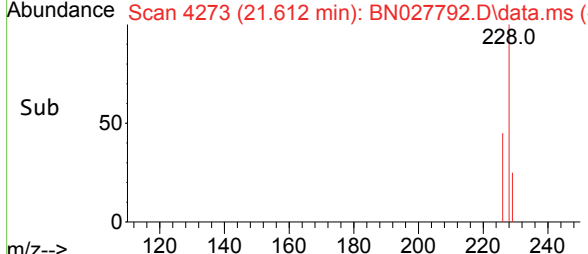
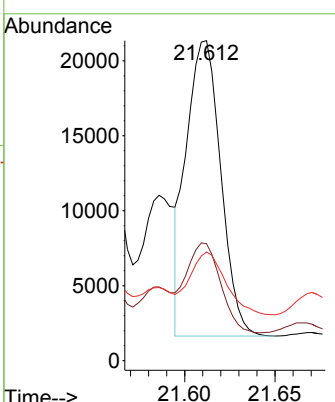
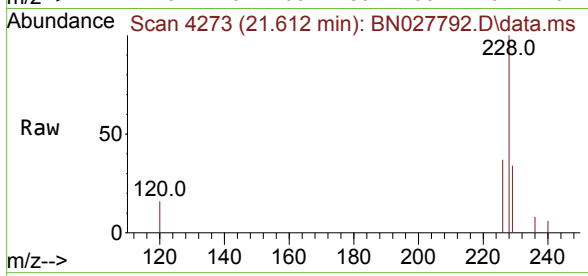


#22
 Chrysene
 Concen: 0.263 ng/ul
 RT: 21.612 min Scan# 4273
 Delta R.T. 0.003 min
 Lab File: BN027792.D
 Acq: 21 Sep 2023 18:15

Instrument :
 BNA_N
 ClientSampleId :
 EZYG1

Tgt Ion:228 Resp: 26140

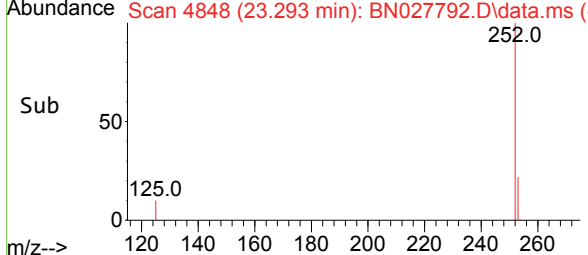
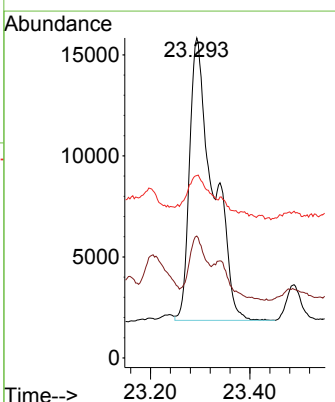
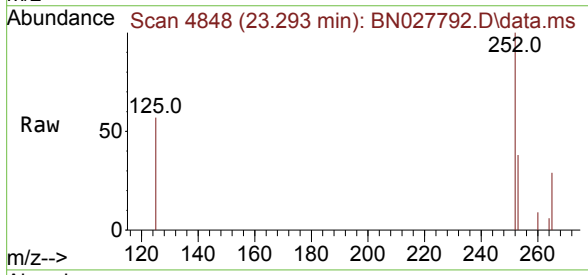
Ion	Ratio	Lower	Upper
228	100		
226	36.5	24.5	36.7
229	34.0	16.0	24.0

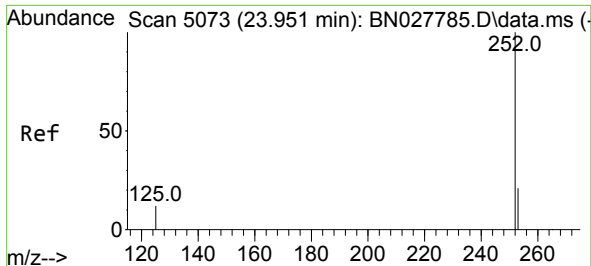


#24
 Benzo(b)fluoranthene
 Concen: 0.451 ng/ul
 RT: 23.293 min Scan# 4848
 Delta R.T. 0.003 min
 Lab File: BN027792.D
 Acq: 21 Sep 2023 18:15

Tgt Ion:252 Resp: 45611

Ion	Ratio	Lower	Upper
252	100		
253	38.1	0.0	50.2
125	57.0	0.0	31.4

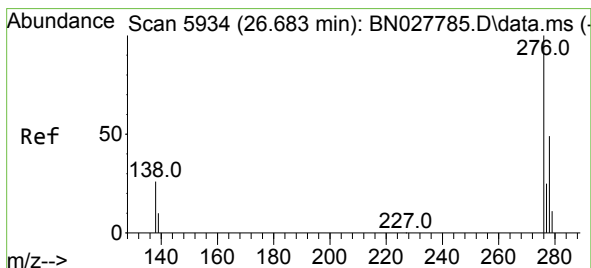
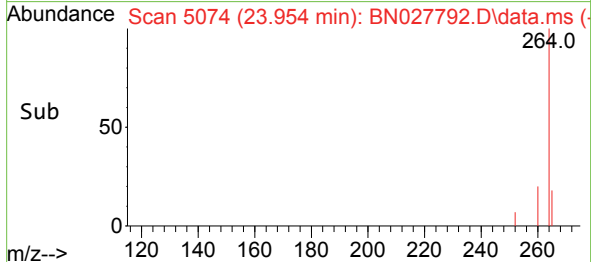
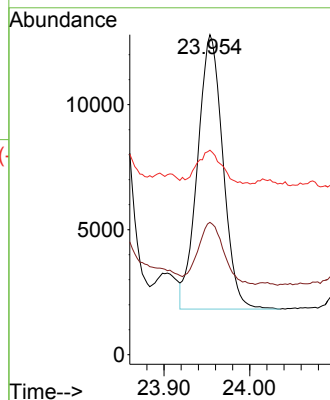
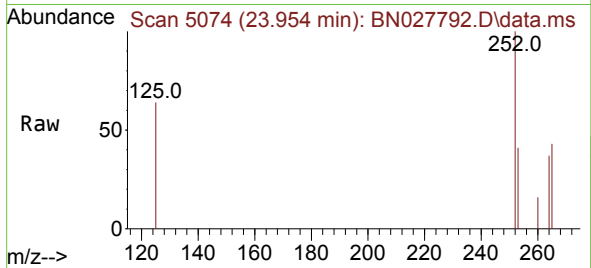




#26
Benzo(a)pyrene
Concen: 0.277 ng/ul
RT: 23.954 min Scan# 5074
Delta R.T. 0.003 min
Lab File: BN027792.D
Acq: 21 Sep 2023 18:15

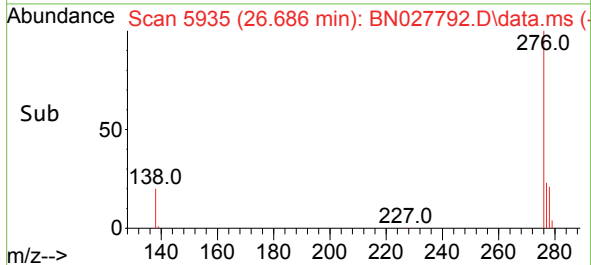
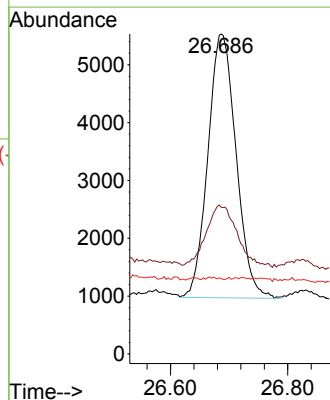
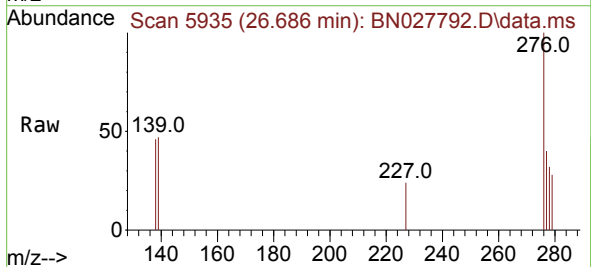
Instrument :
BNA_N
ClientSampleId :
EZYG1

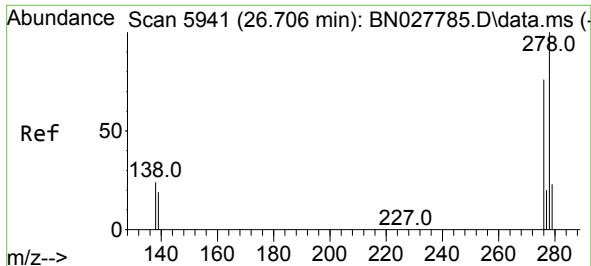
Tgt Ion:252 Resp: 22589
Ion Ratio Lower Upper
252 100
253 41.4 21.9 32.9#
125 63.9 15.5 23.3#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.146 ng/ul
RT: 26.686 min Scan# 5935
Delta R.T. 0.003 min
Lab File: BN027792.D
Acq: 21 Sep 2023 18:15

Tgt Ion:276 Resp: 15233
Ion Ratio Lower Upper
276 100
138 26.3 24.3 36.5
227 0.1 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.058 ng/ul

RT: 26.693 min Scan# 5941

Delta R.T. -0.013 min

Lab File: BN027792.D

Acq: 21 Sep 2023 18:15

Instrument :

BNA_N

ClientSampleId :

EZYG1

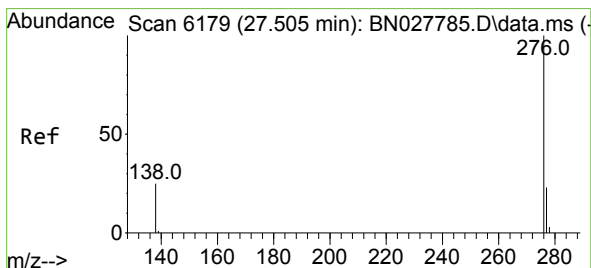
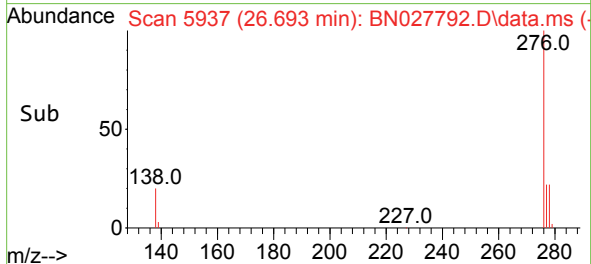
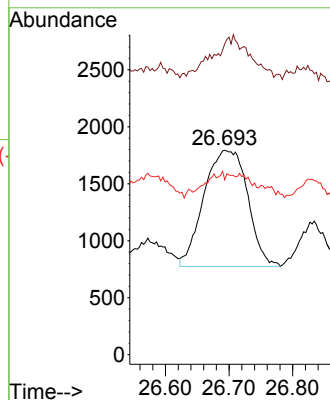
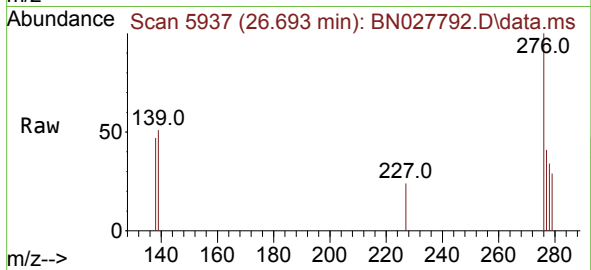
Tgt Ion:278 Resp: 4870

Ion Ratio Lower Upper

278 100

139 152.1 17.2 25.8#

279 85.6 21.4 32.0#



#29

Benzo(g,h,i)perylene

Concen: 0.313 ng/ul

RT: 27.511 min Scan# 6181

Delta R.T. 0.007 min

Lab File: BN027792.D

Acq: 21 Sep 2023 18:15

Tgt Ion:276 Resp: 27723

Ion Ratio Lower Upper

276 100

138 37.7 21.7 32.5#

277 33.7 20.2 30.2#

